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County Council of Durham.

BUREAU OF HYGIENE & TROPICAL DISEASES
22 FEB 1934

REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE QUARTER ENDED

31st DECEMBER, 1933.

VITAL STATISTICS.

1. The vital statistics for the past quarter were again satisfactory, the total death-rate being equal to 10.7 per 1,000 population compared with 9.7 in the previous quarter and 11.7 in the corresponding quarter of 1932.

2. The infant mortality rate was equal to 83 per 1,000 births registered compared with 71 in the preceding quarter and 94 in the corresponding quarter of 1932.

3. A further increase was recorded in the zymotic diseases death-rate, the rate for the past quarter being 0.71 per 1,000 population compared with 0.54 and 0.26 respectively in the immediately preceding quarters. This increase during the past quarter is largely due to the greater number of deaths registered from scarlet fever, diphtheria and measles.

4. The death-rate from pulmonary tuberculosis (0.63) is the lowest rate recorded during any of the previous quarters of the past year, and is only slightly higher than that for the corresponding quarter of 1932 (0.60).

5. The lowest total death-rates during the quarter occurred in the Barnard Castle (4.9) and Tow Law (6.8) urban districts and in the Hartlepool (6.0) and Darlington (7.6) rural districts ; while the districts with the highest mortality statistics were the Jarrow (13.7) and Stanley (13.5) urban districts and the Weardale (13.3) and Barnard Castle (13.1) rural districts.

6. It is of interest to note that the total death-rates during the past quarter in the Jarrow and Chester-le-Street urban districts exceed the birth rates for those districts, while in the Stanhope urban and the Weardale rural districts these two rates were equal.

7. There was a further decline in the birth-rate for the past quarter, which was equal to 15.6 per 1,000 population compared with 17.8 in the preceding quarter and 18.9 in the June quarter. This rate for the past quarter is the lowest ever recorded during any quarter in this administrative county.

8. The following statement gives the uncorrected vital statistics for the administrative county for the year 1933, and in order that a comparison may be made the corrected figures for the two previous years are given. There may, however, be some slight adjustment of the figures for 1933

	1931.	1932.	1933.
Population	930,400	924,920	930,200
Birth-rate	19.63	19.37	17.56
Death-rate	12.13	11.86	11.53
Zymotic Death-rate	0.50	0.38	0.45
Smallpox	Nil.	Nil.	Nil.
Scarlet Fever	0.02	0.02	0.06
Diphtheria	0.05	0.02	0.05
Enteric Fever	0.01	0.01	0.01
Measles	0.25	0.05	0.07
Whooping Cough	0.05	0.13	0.05
Diarrhœa (under 2)	0.12	0.15	0.22
Do. (over 2)	0.04	0.04	0.07
Phthisis	0.72	0.73	0.72
Bronchitis, Pneumonia and Pleurisy ...	1.53	1.21	1.04
Influenza	0.36	0.25	0.41
Infant Mortality Rate	85	82	80

It will be observed from the above that the vital statistics for the past year compare favourably with those for the two previous years and can be regarded as very satisfactory.

INFECTIOUS DISEASES.

9. There was a further considerable increase in the prevalence of scarlet fever during the past quarter, 2,467 cases being notified compared with 1,210 in the preceding quarter and 938 in the June quarter. It will be seen from the table at the end of this report that the disease was prevalent in practically every district in the administrative county. An increase was also recorded in the mortality figures, 33 deaths being registered compared with 8 in the previous quarter, the case mortality rate being 1.34 per cent. compared with 0.66 per cent. The highest mortality occurred in the Felling (7) and Stanley (6) urban districts, the case mortality rates being 5.74 per cent. and 3.92 per cent. respectively.

10. Diphtheria was also very much more prevalent during the past quarter, 524 cases being reported compared with 224 in the preceding quarter. The disease was most prevalent in the Annfield Plain, Benfieldside, Chester-le-Street, Houghton-le-Spring, Leadgate, Stanley, and Tanfield urban districts and in the Lanchester rural district. The number of deaths registered also increased from 8 in the previous quarter to 26 during the past quarter, the case mortality rates for these two quarters being 3.57 per cent. and 4.97 per cent. respectively. The highest number of deaths occurred in the Benfieldside urban district (4) the case mortality rate being equal to 12.90 per cent.

11. Enteric fever notifications numbered 11 compared with 26 in the preceding quarter. Three deaths were registered during the quarter compared with 1 in the previous quarter.

12. There were 2 notifications of cases of puerperal fever and 33 notifications of puerperal pyrexia compared with 5 and 21 respectively in the previous quarter. During the quarter 9 cases were admitted to hospitals under the county scheme and the services of consultants were utilised in 5 cases.

13. The number of notifications of ophthalmia neonatorum received during the quarter was 22 compared with 24 in the preceding quarter. In-patient hospital treatment under the county scheme was provided in respect of one case.

14. The number of notifications of cases of cerebro spinal fever received was 8 which is one less than in the previous quarter. Three deaths were registered compared with 2 in the previous quarter

15. The number of deaths registered from measles was 35 compared with 7 in the previous quarter ; while the deaths from whooping cough numbered 14 compared with 7 in the previous quarter. Diarrhœa and enteritis under two years of age was responsible for 53 deaths compared with 95 in the preceding quarter.

CLERICAL STAFF.

16. The following member of my clerical staff has been absent from duty during the quarter on account of sickness :—

Miss E. N. Simpson, from 8th to 13th December, inclusive,

and I recommend that she be granted sick leave with salary in accordance with the county arrangement, less National Health Insurance benefit.

VACCINATION.

17. *No.* 6 (*Heworth*) *District.*—I have received the resignation of Dr. R. R. Lishman, Public Vaccinator for this District, which comprises the parish of Heworth, his resignation to take effect on the 31st October, 1933, and I have appointed, subject to the approval of the Minister of Health, Dr. J. D. Whyte of South View, Felling-on-Tyne, as his successor on the same scale of fees as applied to Dr. Lishman, the appointment to date from 1st November, 1933.

In accordance with Minute No. 31 of the County Health Committee, dated 13th April, 1933 and the Minute of the County Council, dated 8th November, 1933, I have made the following appointments to take effect as from the 1st November, 1933, subject to the approval of the Minister of Health :—

18. *No.* 10 (*Boldon*) *District.*—Dr. J. R. Hetherington of Kingsley, St. Bedes, East Boldon, for this district which comprises the parishes of Boldon, Boldon Colliery and Whitburn, as successor to and on the same scale of fees as applied to Dr. W. Armstrong.

19. *No.* 20 (*Witton Gilbert*) *District.*—Dr. J. R. Garson of " Dunelm " House, Sacriston, for this district which comprises the parishes of Edmondsley, Plawsworth, Waldridge and Witton Gilbert, as successor to and on the same scale of fees as applied to Dr. J. H. R. Garson.

20. No. 41 (*Easington*) *District.*—Dr. W. A. Hewitson, Junior, of Burnholme, Easington, for this district which comprises the parishes of Cold Hesledon, Dalton-le-Dale, Easington, Haswell, Hawthorn, Murton East and Shotton, as successor to and on the same scale of fees as applied to Dr. W. A. Hewitson, Senior.

21. *No.* 61 (*Egglestone*) *District.*—Dr. R. Dawson, of Burnbrae, Bridge Road, Middleton-in-Teesdale, for this district which comprises the parishes of Egglestone, as successor to and on the same scale of fees as applied to Dr. E. S. Hawthorne.

22. *No.* 64 (*Staindrop*) *District.*—Dr. J. G. Ward of Albert House, Galgate, Barnard Castle, for this district which comprises the parishes of Cleatlam, Hilton, Ingleton, Morton Tinmouth, Raby and Keverstone, Staindrop, Wackerfield and Winston, as successor to and on the same scale of fees as applied to Dr. C. H. Welford.

23. *No.* 77 (*Easington Public Assistance Institution and Cottage Homes*) *District.*—Dr. W. A. Hewitson, Jun., of Burnholme, Easington, as successor to and on the same scale of fees as applied to Dr. W. A. Hewitson, Sen.

HOUSING, TOWN PLANNING, Etc., ACTS.

24. I have to report that no copies of Closing Orders have been received during the quarter. Copies of the following Orders have, however, been received :—

Houghton-le-Spring R.D.—Demolition Orders (3).

MILK AND DAIRIES (CONSOLIDATION) ACT, 1915.

25. Return of milk samples submitted by inspectors of weights and measures for bacteriological examination during the quarter :—

Total number of samples submitted.	Number in which tubercle bacilli were found.	Number free from tubercle bacilli.	*Number for which report not yet received
83	—	50	33

* Of the 39 samples outstanding at the end of last quarter 2 were found to contain tubercle bacilli, and 1 has not been reported upon.

DISEASES OF ANIMALS.

TUBERCULOSIS ORDER, 1925.

26. During the past quarter tuberculous disease was reported on 104 premises, and on inspection disease was found by the veterinary inspectors to exist on 82 of these premises. The total number of animals examined by the veterinary inspectors was 2802 and of these 21 were reported to be suffering from tuberculosis of the udder, 1 suffering from tuberculous emaciation and 65 as having chronic cough and showing definite clinical signs of tuberculosis. The total number of animals slaughtered on account of tuberculosis was 87 and it was found on post-mortem examination that 27 had tuberculosis of the udder, 1 tuberculous emaciation, and 59 proved to be otherwise affected with tuberculosis. Of the total animals inspected, 1624 were cows in milk ; of these 92 were reported as diseased, and the presence of disease was confirmed in 77 cases by post-mortem examination. During the three months 8 samples of milk were examined for tubercle bacilli 3 of which were found to be positive.

MILK AND DAIRIES ORDER, 1926.

27. During the past quarter the Veterinary Officers visited 1214 farms and examined 12256 animals in the course of their routine work under the above Order as a result of which 49 animals were found to be suffering from tuberculosis and were accordingly slaughtered. Of these slaughtered animals 46 were cows in milk. On post-mortem examination tuberculosis of the udder was found to exist in 20 cases, the remainder being otherwise affected with tuberculosis. These 49 animals are included in the total number shown as having been slaughtered under the Tuberculosis Order.

TREATMENT OF TUBERCULOSIS.

28. I have received the following report from the Central Tuberculosis Medical Officer, and on page 277 will be found a tabulated statement with reference to cases of tuberculosis dealt with during the past quarter :—

(1) The following is a statement shewing the number of new cases recommended treatment under the County Tuberculosis Scheme during the quarter :—

Domiciliary treatment	15	Hospital treatment (surgical) ...	7
Dispensary treatment	39	Home treatment	19
Sanatorium treatment	142	Ultra violet ray treatment	6

In addition, old cases were recommended treatment as follows :—

Domiciliary treatment	33	Hospital treatment (surgical) ...	14
Dispensary treatment	87	Home treatment	26
Sanatorium treatment	62	Ultra violet ray treatment	9

(2) I submit the following statement with regard to surgical appliances supplied to tuberculous patients on the recommendation of the tuberculosis medical officers :—

Case No.	Description of Appliance.	Cost of Appliance.	Amount Contributed by Patient.	Amount payable by the County Council.
		£ s. d.	£ s. d.	£ s. d.
31676	Poro-plastic jacket	2 5 0	...	2 5 0
42615	Spinal jacket	5 0 0	3 0 0	2 0 0
28421	Repairs to Thomas' hip splint	1 2 6	0 5 0	0 17 6
42576	Repairs to Thomas' hip splint	0 12 6	...	0 12 6
38452	Repairs to spinal support	0 9 6	...	0 9 6
41627	Thomas' knee splint, patten and crutches	1 5 0	...	1 5 0
35944	Pair crutches	0 11 6	0 3 0	0 8 6
18437	Surgical boots	3 5 0	...	3 5 0
37282	Adjustments to Chance's brace	0 15 6	...	0 15 6
35576	Walking caliper and left surgical boot	5 17 6	3 0 0	2 17 6
33658	Walking caliper splint	2 17 6	...	2 17 6
10878	Surgical boot	4 17 6	...	4 17 6
44923	Spinal jacket	6 15 0	2 10 0	4 5 0
32124	Spinal splint	5 0 0	...	5 0 0
33626	Spinal splint	4 15 0	0 15 0	4 0 0
38102	Walking caliper	2 17 6	...	2 17 6
39078	Patten	0 6 4	...	0 6 4
46209	Thomas' hip splint, patten and crutches	2 3 6	0 5 0	1 18 6
34853	Repairs to spinal brace	2 0 0	...	2 0 0
37185	Rubber shoes for crutches	0 3 9	...	0 3 9
38534	Thomas' hip splint	1 5 0	...	1 5 0
46014	Thomas' splint, patten and crutches	2 0 0	...	2 0 0
37860	Surgical boot	1 11 6	...	1 11 6
43173	Repairs to walking caliper	0 5 6	...	0 5 6
42482	Pair crutches	0 12 3	...	0 12 3
6223	Peg leg	3 15 0	...	3 15 0
34860	Repairs to Thomas' splint, new patten and rubber shoes for crutches	0 14 8	0 5 6	0 9 2
33209	Walking caliper	2 17 6	1 8 9	1 8 9
46680	Chance's support with arm crutches	6 5 0	1 0 0	5 5 0
42597	Altering round boot	0 15 6	0 5 0	0 10 6
36455	Repairs to surgical boot	1 5 0	...	1 5 0
5146	Repairs to artificial limb	1 13 6	0 10 0	1 3 6
28421	Pair crutches	0 12 5	0 5 0	0 7 5
44005	Spinal brace with head support	6 10 0	3 5 0	3 5 0
40935	Thomas' hip splint, patten and crutches	2 3 6	...	2 3 6
32004	New Patten	0 6 0	...	0 6 0
42576	Thomas' hip splint	1 9 6	...	1 9 6
35630	Surgical boot	3 10 0	...	3 10 0
37074	Rubber crutch shoes	0 2 3	...	0 2 3
47200	Surgical boot	2 19 6	...	2 19 6
39093	Thomas' hip splint, patten and crutches	2 3 6	...	2 3 6
16907	New crutch	0 6 8	...	0 6 8
28421	Rubber crutch shoes	0 2 3	...	0 2 3
		£96 6 1	£16 17 3	£79 8 10

(3) ADMISSIONS TO SANATORIA AND HOSPITALS.—The number admitted to sanatoria and other residential institutions was 260 (including 12 who had previously received institutional treatment), as against 253 in the last quarter, and the total number receiving residential treatment on the 31st December was 560 as against 566 at the end of last quarter. This number includes 27 discharged service men. The distribution of these cases in the several institutions is as follows :—

(4) SANATORIA—TUBERCULOSIS HOSPITALS :—	Males.	Females.
Holywood Hall Sanatorium, Wolsingham	177	—
Sunderland Tuberculosis Hospital	—	24
Stannington Children's Sanatorium	24	76
Helmington Row Tuberculosis Hospital	12	—
Tindale Crescent Tuberculosis Hospital	—	12
Preston Hall Colony	1	—
Earl's House Sanatorium, Durham	76	—
Seaham Hall Sanatorium	—	128
Totals	290	240

(5) GENERAL HOSPITALS :—	Males.	Females.
Children's Hospital, Gateshead	10	3
Memorial Hospital, Darlington	1	1
Royal Infirmary and Children's Infirmary, Sunderland	—	—
Royal Victoria Infirmary, Newcastle-on-Tyne	2	—
Sherburn Hospital, Durham	—	1
Whickham War Memorial Hospital	2	2
Hartlepools Hospital	4	—
Stockton and Thornaby Hospital	—	—
Durham County Hospital	—	—
Holmside and South Moor Miners Welfare Hospital	2	—
Ingham Infirmary, South Shields	—	—
Richard Murray Hospital, Blackhill	—	1
Totals	21	8

(6) DISCHARGES FROM SANATORIA AND HOSPITALS.—The number of persons discharged from sanatoria and hospitals was 262. Of these, 84 were reported "Quiescent" or "Arrested," 96 "Improved," 64 "No material improvement," and 18 died in institutions. Eleven cases left before treatment was completed.

(7) AWAITING ADMISSION TO SANATORIA AND HOSPITALS :—

	Sanatorium.		*Hospital.*
	Pul.	Non.Pul.	
Adult Males	12	4	2
,, Females	32	11	2
Boys	5	13	—
Girls	—	17	2
Totals	49	45	6

(8) OCCUPATIONAL TREATMENT OF DURHAM COUNTY TUBERCULOUS EX-SERVICE MEN.—There were no tuberculous ex-service men admitted to Preston Hall Training Colony, Aylesford, Kent, during the quarter ; none were transferred to the Settlement, and one was receiving treatment on the 31st December. No cases were awaiting admission to the Colony on 31st December.

(9) TRAVELLING EXPENSES have been paid during the quarter to 449 cases.

(10) X-RAY EXAMINATIONS.—During the quarter 168 persons were examined by X-Rays.

(11) SHELTERS.—During the quarter 3 shelters were erected as follows :—

Central district	at Birtley	1
North Eastern district	at South Boldon	1
Eastern district	at Graythorpe	1

(12) ATTENDANCES AT DISPENSARIES.—The number of attendances at the dispensaries during the quarter was 5,819 as against 6,416 in the preceding quarter, and the number of persons who attended the dispensaries was 3,226, the corresponding figure for the preceding quarter being 3,355.

(13) VISITS TO PATIENTS.—5,474 visits have been made by the health visitors to patients during the quarter.

(14) VISITS TO EX-SERVICE MEN.—285 visits have been made by the health visitors during the quarter.

(15) UNDER SUPERVISION.—5,806 patients were under supervision on the 31st December, including 439 ex-service men.

(16) TREATMENT RECOMMENDED.—A list of all cases recommended sanatorium, dispensary and other forms of treatment during the quarter will be submitted, and I shall be glad if your Committee will approve such recommendations.

(17) DEATHS.—150 deaths from tuberculosis have been reported since the date of my last quarterly report, viz.: Pulmonary, 65 males and 65 females; Non-Pulmonary, 7 males and 13 females. In addition, there were 14 deaths reported from Darlington County Borough.

(18) SUPPLY OF CLOTHING TO NECESSITOUS PATIENT IN AN INSTITUTION.—*Case No.* 37279 (*Blaydon*).—This patient, who has been in the Helmington Row Sanatorium since the 23rd January, 1933, required a complete outfit of clothing, and as the patient is in very poor financial circumstances and unable to provide anything, I instructed the Matron to supply the necessary articles at a cost of £5 6s. 11d., and I shall be glad if your Committee will confirm my action.

TREATMENT OF VENEREAL DISEASES.

TREATMENT CENTRES.

29. (1) STATISTICS.—The following table deals with the work for the three months ended 30th September, 1933:—

Centre.	New Cases.		Ceased to attend before completion of treatment.		Total attendances.		No. of In-Patient days.		No. of persons treated with 606 substitute.		No. of doses of 606 substitute used.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Darlington	7	9	—	—	387	173	—	21	8	6	47
Durham	68	41	20	11	1,170	798	50	95	33	24	213
Newcastle	76	34	26	18	1,326	631	23	—	36	34	359
Stockton	47	23	8	6	1,214	377	—	—	9	6	74
Sunderland	36	21	—	—	1,842	919	43	44	41	36	336
TOTALS ...	234	128	54	35	5,939	2,898	116	160	127	106	1,029

The above statistics refer to patients residing in the Durham County Administrative Area only.

(2) Travelling expenses amounting to £85 2s. 8½d. were paid during the quarter ended 30th September, 1933, to enable necessitous patients to attend the treatment centres.

HEALTH VISITORS.

30. The Superintendent Health Visitor reports as follows :—

(1) Sick Leave, Resignations, etc.—Miss M. F. Thomson returned to duty October 16th. The following who were on sick leave last quarter returned to duty on the dates given :—Miss Cathcart, November 27th ; Miss Lupton returned to duty October 9th, but was again on sick leave November 1st to December 4th. The following have been on sick leave since the dates given and are still unable to return to duty :—Miss Butterworth, November 13th ; Mrs. Gunn, November 6th ; Miss Paul, December 16th.

(2) Children Acts, 1908-32.—83 cases were under supervision, and 195 visits were paid during the quarter.

There appears to be ignorance as to the provisions of the 1932 Act, foster-parents seem to be unaware that those wishing to receive, for the first time, a child under the age of nine years for reward, must give seven days' preliminary notice of their intention in writing. In the case of any other child the notice must be given not less than forty-eight hours before its reception.

(3) 1480 mental defectives were under supervision, to whom 1643 visits were paid during the quarter.

(4) The services of Home Helps were sanctioned in 5 cases during the quarter.

(5) The number of families on milk assistance on 31st December, 1933, was 5,347. (The corresponding number on the 30th September, 1933, was 5,317).

(6) The County Travelling Health Exhibition was on view four days in the Houghton-le-Spring area, and one day each at Craghead and Spennymoor.

(7) Lectures on Child Guidance.—The Assistant Director of the Child Guidance Clinic in London, Dr. R. Evelyn Lucas, gave five lectures on this subject on the 3rd and 4th November. The majority of the health visitors and many other social workers attended.

MIDWIVES ACTS.

32. (1) The following statement shows the midwifery services of the county and its supervision during the quarter :—

Total number of certified midwives in practice (of these 8 are *bona-fide*)	308
Number of midwives supervised	222
Number of visits to midwives	418
Number of visits to patients	243
Number of other visits	10
Number of ineffective visits	54
Total number of births registered in the Administrative County	3623
Number of births notified by midwives	2603

(2) The following notifications were received from certified midwives :—

Sending for Medical Help	909
Still-births	62
Death of Mother	7
Death of Child	54
Artificial Feeding	11
Laying out the Dead	5
Liability to be a Source of Infection	14

(3) There were 29 cases of discharging eyes in the practice of midwives and 15 of these were subsequently notified as ophthalmia neonatorum.

(4) Medical aid was sought by midwives in 32 cases because of rise of temperature, and 13 of these cases were subsequently notified as puerperal pyrexia. The services of consultants were requisitioned in 1 case, and 5 received in-patient hospital treatment.

(5) The inspectors visited 41 cases of albuminuria and 3 cases of rash of infant when a doctor had been called in.

(6) The practice of midwifery by 3 uncertified midwives was reported by the health visitors.

(7) Seven additional trained midwives have given notice of their intention to practise in the county area, 5 midwives have notified changes of address within the county, 3 have removed out of the county, and the death of Midwife No. 47275 was reported.

(8) The following is a statement of cases attended during the quarter by midwives appointed by the County Council under the Trained Midwifery Scheme :—

District.	Cases.	Attended as Midwife.	Attended as Maternity Nurse.
Beamish	17	12	5
Birtley	16	14	2
Blaydon	5	3	2
Chester-le-Street	10	7	3
Chilton	10	10	—
Chopwell	14	9	5
Consett	22	22	—
Dipton	23	16	7
Easington Colliery	7	5	2
Fatfield	22	20	2
Hebburn	12	12	—
Hetton	22	19	3
High Spen	5	5	—
Philadelphia	12	9	3
Rowlands Gill	21	21	—
Sherburn	11	9	2
Shotton Colliery	—	—	—
Trimdon	23	23	—

(9) Midwife No. 8855 has resigned her post as a subsidised midwife at Chester-le-Street to take effect from the 31st December last, but she still continues to practise in that area as a private practitioner.

(10) The subsidised midwives at High Spen, Philadelphia, and Beamish have been on sick leave since the 1st, 2nd, and 26th December, respectively. Midwife No. 52494 has been granted three months' leave without salary and arrangements have been made for Midwife No. 82865 to act as locum during her absence.

(11) The Superintendent of the County Nursing Association reports that there are 123 midwives practising under district nursing associations and that their duties have been carried out satisfactorily and the equipment found in good order. She also reports that 2 resignations have been received from whole-time midwives and 3 appointments have been made, 2 to fill these vacancies and 1 under a newly-formed district nursing association.

HETTON-LE-HOLE URBAN DISTRICT.

33. Water Supply.—The work of relining the Eppleton Downs and Easington Lane reservoirs has now been completed. Para. 24, Sept., 1933.

AUCKLAND RURAL DISTRICT.

Para. 25. Sept., 1933.

34. Hamsterley Village.—Satisfactory progress is reported in connection with the improvement in the water supply to this village.

BARNARD CASTLE RURAL DISTRICT.

Para. 26. Sept., 1933.

35. Water Supply for the Contributory Places of Streatlam and Stainton.—The application of the District Council to borrow £1,800 for this scheme has now been sanctioned by the Ministry of Health and it is hoped to commence work at an early date.

DARLINGTON RURAL DISTRICT.

Para. 40. Sept., 1932.

36. Barmpton Water Supply.—This scheme has now been completed, the three wells previously used having been closed.

Para. 41. Sept., 1932.

37. Denton Village Water Supply.—The storage chamber and the pipe line and water services have been completed at this village.

Para. 27. Sept., 1933.

38. Heighington Village Water Supply.—Water services have been installed into seven houses.

39. Middleton St. George, Oaklands Farm.—The water supply previously obtained from a well adjacent to a small field runner has now been discontinued, and the supply is now being obtained from the Tees Valley water mains.

LANCHESTER RURAL DISTRICT.

40. Satley Village Water Supply.—Improvement to the water supply at this village is in progress and water mains have been laid at an estimated cost of £960. The water supply to this area was obtained from springs and wells and several of these will be discontinued when the scheme is completed.

STOCKTON RURAL DISTRICT.

41. Carlton Parish—Redmarshall, North Junction Cottages.—A sample of water taken from the well supplying these cottages was found to be unsatisfactory and a piped supply has now been provided at a cost of £205.

WEARDALE RURAL DISTRICT.

42. Lanehead and Cowshill.—An extension of the water mains and services are in progress in this area.

43. Wearhead District.—A new storage chamber is in course of construction and the water mains are being extended to supply outlying houses and farms.

44. Frosterley Village.—To increase the efficiency of the water supply for Belle Vue, New Houses, and Browns Houses, water mains are being laid to augment the present supply.

45. Crawleyside.—A new water storage chamber is in course of construction and an extension of the water mains is in progress.

46. Westgate.—Water mains are being relaid in the High Town District.

47. Eastgate.—A new water storage chamber, with a capacity of 5,000 gallons, is in course of construction.

RIVERS POLLUTION PREVENTION ACTS.

48. The County Health Inspector reports that :—

(1) A large number of the sewage disposal works in the county have been inspected during the past quarter.

(2) There are several sewage disposal works in existence which were constructed very many years ago and are now obsolete, inefficient, and a continual source of pollution.

(3) New sewage disposal works are desirable in many parts of the county and consideration should be given to the elimination of small works and the construction of large works.

(4) Portions of the following rivers and streams have been inspected : Alwent Beck, Derwent, Tees, Wear, Teams, Skerne, Gaunless, Browney, Deerness, Cong Burn, Rainton Burn, Herrington Burn, Old Durham Beck, Pittington Beck, Elwick Beck, Rowletch Burn, Dipton Beck, Pont Burn, Sacriston Beck, Deneburn Beck, Dene Beck, Coundon Beck, Howden Burn, Stanley Burn, Bradley Burn, Barlow Burn, Blaydon Burn, Stella Gut, Sedgeletch Beck, Hetton Burn, Medomsley Beck, East Howle Beck, Tursdale Beck, Coxhoe Beck, Crook Beck, Watergate Burn, Howden Beck, Heathery Clough Burn, Bowburn Beck, Croxdale Beck, Bishopton Beck, and Stillington Beck.

(5) Pollution from gasworks, by-product works, chemical works, tar and coking plants, and sand and gravel works, has been observed in the following streams :—Moores Burn, Sedgeletch Beck, Herrington Burn, Old Durham Beck, Dipton Beck, Hetton Beck, Gaunless, Bowburn Beck, Tursdale Beck, and Murton Beck.

(6) Pollution by sewage was observed at :—Croft Bridge, Skerne Bridge, Stone Bridge, Middleton Hall, Sedgeletch, Stella Crossings, Howden Wood, Lambton, Deneburn Wood, Puncheon Houses (Durham), Fishburn, and Tudhoe Colliery.

(7) An improvement has been observed in the condition of the following streams :—Alwent Beck, Hetton Burn, Dinsdale Burn, Bishopton Beck, Stillington Beck, Heathery Clough Burn, Deerness, Browney, Teams, Don, Gaunless, and Wear.

(8) Moores Burn and tributaries :—A conference with members and officials of the Chester-le-Street Rural District Council Works Committee was held at Little Lumley in connection with the complaint of serious pollution of the Lumley Burn. Para. 5. Sept., 1933.

(9) Refuse in streams has been observed at :—Spennymoor (2), Ebchester, Bishop Auckland, Crook, Shotley Bridge, Dipton, Ferryhill, Craghead, and Westgate.

(10) Effluents from the following by-product works have been observed :—

Name of Works.	*Condition of effluent.*	*Name of Works.*	*Condition of effluent.*
Bankfoot	Fair.	New Brancepeth (Ushaw Moor) ...	Improved.
Bearpark	Fair.	Randolph	Improved.
Blackbanks Chemical Works ...	Improved.	Sacriston Coking Plant	Fair.
Bowden Close	Good.	Shotton Colliery	Moderate.
Brancepeth (Willington)	Good.	Stella Gill	Good.
Crook New Chemical Works ...	Good.	Templetown Tar Works	Good.
Derwent Haugh	Improved.	The Fell	Good.
Eldon	Fair.	Weardale Coal & Coke Works ...	Fair.
Fishburn	Moderate.		
Lambton	Moderate.		
Langley Park	Good.		

Solids from Coal Washeries.

Bearpark	Fair.	Randolph	Fair.
Bowburn	Bad.	Sacriston & Charlaw	Moderate.
Dean & Chapter	Bad.	Sherburn Hill	Improved.
Dean Bank	Fair.	Urpeth " C " Pit	Fair.
Fishburn	Fair.	Waterhouses	Good.
Lambton	Moderate.	Whiteleas Colliery Washer ...	Fair.
Langley Colliery	Good.		
Murton	Bad.		
Ouston " E " Pit	Fair.		

Oils and Liquids from Boilers, etc.

Eldon Colliery	Moderate.	Sherburn Hill Colliery	Fair.
Electric Power Works, Crook ...	Fair.	Tudhoe Colliery & Brickworks ...	Fair.
Ouston " E " Pit	Fair.		

Liquids and Wastes from Gas Works.

Bankfoot	Fair.	Gainford	Good.
Barnard Castle	Good.	Hetton	Fair.
Bishop Auckland	Good.	Houghton- le-Spring	Good.
Burnhope	Fair	Middleton-in-Teesdale	Good.
Chester-le-Street	Good.	Shotley Bridge	Good.
Crook	Good.	Staindrop	Good.
Dipton	Moderate.	Stanley	Good.
Durham	Moderate.	Tow Law	Good.
Ferryhill	Good.	Willington	Good.

Trade Effluents and Sand and Gravel Works.

Bishop Auckland Artificial Stone Works	Good.	Lintzford Printing Ink Works ...	Good.
Co-operative Tin Plate Works ...	Good.	Stillington Sand & Gravel Co. ...	Moderate.
Elmford Lead Mines	Moderate.	The Sacriston Sand & Gravel Co., Ltd.	Fair.
Healyfield Lead Works	Good.	Zinc Oxide Works	Good.
Hetton Sand & Gravel Works ...	Improved.		

DARLINGTON COUNTY BOROUGH.

Para. 30 (8) Sept., 1933.

(11) Stressholmes Sewage Disposal Works :—Examinations of the effluent at the outfall pipe near Skerne Bridge on the 10th and 16th October last, and also at a subsequent visit, showed that the effluent was greyish to turbid in colour and contained quantities of flocculent matter and was in my opinion very unsatisfactory.

BISHOP AUCKLAND URBAN DISTRICT.

Para. 30 (10) Sept., 1933.

(12) Works of Sewerage :—It is expected to commence work on these schemes at an early date.

(13) Market Place :—The main outfall sewer has been extended to the property in the vicinity of the Castle entrance, the sewage previously discharged into the Gaunless being treated at the Binchester sewage disposal works.

BRANDON AND BYSHOTTLES URBAN DISTRICT.

Para. 30 (11) Sept., 1933.

(14) Browney Sewage Disposal Works :—An addition to these works has been made and the final effluent prior to discharge into the river Browney is quite satisfactory.

Para. 30 (12) Sept., 1933.

(15) Esh Winning Sewage Disposal (Joint) Works :—The Clerk of the District Council wrote on the 6th December " I have to inform you that the Esh Winning Sewage works to which you refer have been completed." The completion of this work removed the source of pollution by untreated sewage previously discharged into the Deerness.

(16) Waterhouses Privy Conversion Scheme :—Satisfactory progress continues to be made with the water carriage system. Para. 30 (13) Sept., 1933.

CONSETT URBAN DISTRICT.

(17) Stanifordham Sewage Works :—The effluent from these works discharges into the river Derwent near the edge of the Deneburn Wood and evidence of sewage fungus was observed for a considerable distance downstream. Para. 60. Dec., 1906.

(18) Consett (Crookhall) Sewage Disposal Works :—Overhauling, removing, and washing filtering media, is in progress at these works. Para. 53 (24) Sept., 1922.

(19) Howden Burn :—This Burn discharges into the River Derwent in the vicinity of Howden Wood and crude sewage was present on the date of inspection.

HETTON-LE-HOLE URBAN AND HOUGHTON-LE-SPRING RURAL DISTRICTS.

(20) Glebe Sewage Farm and Houghton-le-Spring Sewage Disposal Works :—An examination of these works by the members of the Hetton-le-Hole Urban District Council has been made and it has been decided to increase the number of sedimentation tanks and to instal percolating filters. Para. 30 (15) Sept., 1933.

(21) Pollution by sewage of the Hetton Burn through the fracture of the main outfall sewer has been the cause of many complaints. A new sewer has now been laid and this work was completed towards the end of October.

HOUGHTON-LE-SPRING URBAN DISTRICT.

(22) Flint Mill Sewage Disposal Works :—Owing to subsidence and fracture of the main outfall sewer sewage was observed in a small runner, a tributary of the Moores Burn. Remedial measures are in progress. Para. 24 (11) June, 1933.

RYTON URBAN DISTRICT.

(23) Stella Gut :—This stream discharges on to the foreshores of the River Tyne. For approximately 600 yards it passes through land frequented by the general public and is in close proximity to playing fields, etc. I found this stream like an open sewer and in appearance it resembled strong sewage.

SPENNYMOOR URBAN DISTRICT.

(24) Tudhoe Mill Sewage Disposal Works :—For some considerable time there has been evidence of infiltration at these works of large quantities of grit and tar, which cause considerable difficulties in the treatment of sewage. An examination of the main sewers was made on the 8th November and a fractured sewer was discovered which was allowing coal slurry, grit, etc., to gain access to the main outfall sewer. This sewer runs contiguous with the Low Grange Beck, and the foundation on which the sewer is laid is being undermined by the stream. The foundation is very weak and unless it receives early attention the sewer will become a source of trouble. Para. 30 (17) Sept., 1933.

(25) Low Grange Beck, Bishops Close, and Red Lion Becks :—These becks are cleaned annually but within a very short period of cleansing they again become the dumping grounds for all kinds of refuse and present foul conditions. These becks run practically through the centre of the town and if they were cleaned and covered valuable space would be added at important points of the district. Otherwise, they will always be dangerous and a menace to the property in the immediate vicinity. Para. 47 (13) Dec., 1932.

STANLEY URBAN DISTRICT.

(26) Stanley (Hustle Down) Sewage Disposal Works :—Additional sludge drying beds are in course of construction at these works. Pollution of the South Moor Beck has been observed and found to be caused by the partially treated sludge liquids. Para. 30 (18) Sept., 1933.

TANFIELD URBAN DISTRICT.

Para. 35 (21) Mar., 1931.

(27) Sewerage and Sewage Disposal :—Following a resolution passed by the District Council in November, 1929, investigations as to the necessity for new sewage disposal works have been carried out by the surveyor and data, the result of a number of gaugings taken at the various works in the district, is being obtained with a view to efficient disposal works being constructed.

AUCKLAND RURAL DISTRICT.

Para. 30 (19) Sept., 1933.

(28) Escombe Village Sewage Disposal Works :—Crops have been removed and a portion of the land used for irrigation purposes has been dug over. It is expected that a commencement will be made with the construction of the new works at an early date.

CHESTER-LE-STREET RURAL DISTRICT.

Para. 30 (20) Sept,, 1933.

(29) Witton Gilbert Sewage Disposal Works :—A further sum of money has been allocated for the necessary repairs, renewals, and reconstruction of the tanks and filter walls.

Para. 24 (19) June, 1933.

(30) Pelaw Grange and Brown's Buildings Sewer :—Work has commenced on this scheme and good progress has been made.

DARLINGTON RURAL DISTRICT.

Para. 30 (23) Sept., 1933.

(31) Dinsdale Park School Sewage Disposal Works :—When inspected on the 29th December the effluent near the Golf House appeared to be quite satisfactory

Para. 30 (24) Sept., 1933.

(32) Sadberge, Works of Sewerage :—Rapid progress has been made. The main sewer has been laid to the Council's housing scheme and work is in progress beyond this point to meet the requirements of building developments.

Para. 30 (25) Sept., 1933.

(33) Blackbanks Chemical Works :—Work is in progress in the arranging of tanks to give a longer time period of treatment of tank effluents.

Para. 36 (29) Mar., 1933.

(34) Aycliffe, Works of Sewerage :—Work in connection with improvements to the main outfall sewer is in progress.

Para. 30 (26) Sept., 1933.

(35) Middleton Hall Mental Hospital Sewage Disposal Works :—The effluent from these works is discharged by means of two stoneware drains, one into a road ditch and the other into a small runner which passes through grazing lands of adjacent farmsteads. Pollution was observed at both places. The water supply to the Oaklands Farm was obtained from a well adjacent to this field runner, but owing to the character of the water obtained from the well a piped supply is now being installed and the water from the well for domestic purposes is being abandoned.

Para. 30 (27) Sept., 1933.

(36) Blackwell Sewage Disposal Works :—Plans for the construction of new sewage disposal works are in course of preparation.

DURHAM RURAL DISTRICT.

(37) Bowburn Beck, Pollution by Coal Slurry, etc. :—An examination of the settling tanks from the coal washery and discharging into this stream was made on the 30th November with officials of the colliery company. A re-arrangement of the use of these tanks has been tried and an improvement in the effluent has been obtained.

EASINGTON RURAL DISTRICT.

(38) Haswell, Hetton, Dalton-le-Dale, Murton Colliery, &c., Sewerage-to-the-Sea :—In consequence of the completion and operation of the Haswell-to-the-Sea sewerage scheme the following sewage disposal works have been abandoned :— Para. 30 (30 Sept., 1933.

(*a*) Sewage tanks to the West of Low Row, Haswell Colliery.

(*b*) Do. East of Long Row, Haswell Colliery.

(*c*) Do. South Pesspool Terrace, Haswell.

(*d*) Do. North Sycamore Terrace, Haswell.

(*e*) Do. East Logan Terrace, South Hetton.

(*f*) Do. North Dyke Row, South Hetton.

(*g*) Two tanks to the East of Council Housing site, West Lane, South Hetton.

(*h*) Murton Sewage Disposal Works.

(*i*) Glebe Farm, Murton.

(39) Murton Colliery, Coal Washer :—The Murton Beck was inspected from Murton Colliery to the coast at Seaham Harbour on the 5th December. The condition of the stream was slightly improved, and it has been arranged to meet the manager of the colliery at an early date to consider the treatment of the effluent from the colliery plant with a view to overcoming the cause of pollution and complaints. Para. 30 (33) Sept., 1933.

HARTLEPOOL RURAL DISTRICT.

(40) Works of Sewerage and Sewage Disposal, Elwick Village :—The condition of the Elwick Beck when visited on the 12th December was much worse than on my previous visit. Sewage fungus was in evidence and as this stream passes through cattle grazing lands it is necessary that some form of treatment should be in operation. Para. 30 (34) Sept., 1933.

HOUGHTON-LE-SPRING RURAL DISTRICT.

(41) Sedgeletch Sewage Farm :—When inspected on the 1st November it was found that sewage was discharging into the Sedgeletch Burn from storm water overflows in the vicinity of the sewage works. Some consideration should be given to the construction of new sewage disposal works owing to the increasing load and strength of sewage. The inlet works and sedimentation tanks appear to be too small. Para. 58. Mar., 1911.

LANCHESTER RURAL DISTRICT.

(42) Hill Top, Esh Village, Works of Sewerage :—The main outfall sewer to the Langley Park (West) Sewage disposal works is now completed. Para. 30 (35) Sept., 1933.

(43) Lanchester Sewage Disposal Works—Works of Sewerage :—The main outfall sewer has been extended in this district to meet the requirements of building developments. Para. 54 (23) Dec., 1931.

(44) Maiden Law, Works of Sewerage :—Owing to the construction of new houses in this area the main outfall sewer has been extended. Para. 54 (24) Dec., 1931.

(45) Malton Sewage Disposal Works :—These works are in a state of bad repair, and the work of reconstruction is under consideration by the District Council. Para. 31. Mar., 1906.

(46) Templetown Sewage Disposal Works :—These works are also under consideration by the District Council for reconstruction. Para. 63 (23) Mar., 1928.

(47) Blackhall Mill Sewage Disposal Works :—Renewals, repairs, and the overhauling of the filter beds and machinery are in progress. Para. 49 (19) June, 1924.

(48) Knitsley Sewage Disposal Works :—Improvements and repairs to these works are in progress. Para. 60 (24) Mar., 1925.

SOUTH SHIELDS RURAL DISTRICT.

Para. 30 (37) Sept., 1933.

(49) WHITBURN ESTATE, WORKS OF SEWERAGE-TO-THE-SEA :—Progress continues to be made with this scheme.

STOCKTON RURAL DISTRICT.

Para. 30 (38) Sept., 1933.

(50) WOLVISTON SEWAGE DISPOSAL WORKS :—The effluent from these works appears to be improved.

Para. 53 (28) June, 1930.

(51) STILLINGTON AND CARLTON VILLAGE SEWAGE DISPOSAL WORKS :—Owing to complaints of pollution of the Stillington Beck by sewage from these works a sample of the effluent was taken and submitted for analysis. The report of the analyst states that the effluent cannot be considered entirely satisfactory.

WEARDALE RURAL DISTRICT.

Para. 30 (39) Sept., 1933.

(52) WOLSINGHAM AND OTHER PLACES (REFUSE IN STREAMS) :—The Clerk of the District Council wrote on the 2nd December "relating to paragraph 30 (39) I beg to say that the matter is to be considered by the Wolsingham Committee of the District Council at their next meeting."

Para. 30 (41) Sept., 1933.

(53) WESTGATE BRIDGE, MIDDLEHOPE BURN (REFUSE IN STREAM) :—The Sanitary Surveyor reports that the conditions here are much improved.

MATERNITY AND CHILD WELFARE.

49. The Welfare Medical Officer reports to me as follows :—

(1) WELFARE MEDICAL STAFF.

SICK LEAVE.—Dr. M. Bainbridge was unable to attend her centres from the 6th to the 8th November inclusive, owing to illness. I attended her centre at Spennymoor on the 8th November.

Dr. Vera Thompson was on sick leave from the 11th-16th December inclusive, and with the approval of the County Medical Officer her centres were attended by Drs. Hedley, Crosthwaite and myself.

Dr. L. Watt has been on sick leave since the 14th December, and with the approval of the County Medical Officer her centres have been attended by Dr. Crosthwaite and myself.

(2) TRAVELLING GIRL CLERK.

Miss K. Thorborn commenced duty as travelling girl clerk on the 23rd October.

(3) CENTRES.

SILKSWORTH.—This centre was closed on the 29th November as the premises were not available on that day.

(4) HEALTH WEEK ACTIVITIES.

The voluntary committees in co-operation with the doctors and health visitors have, as in former years, organised health days at a large number of the centres. The County Travelling Exhibition has been in much demand. Other methods of celebrating Health Week have been by means of special demonstrations, lectures, film displays, competitions, etc. A special feature of this year's efforts has been the holding of "Three Year Old Welcome Parties." The main object of these parties

was to stimulate the attendance of the children aged 3-5 years at the centres. They were held in connection with 15 of the centres, and were well attended.

(5) FEDERATION OF VOLUNTARY WORKERS.

A meeting was held in the Town Hall, Durham, on the 29th November, the chair was taken by Mrs. Ellis and an address was given by Miss Cooper Hodgson on the "Transport of Cripples." The meeting was followed by the annual tea and social gathering. Under the Federation Convalescent Scheme a sum of £180 has again been subscribed by the voluntary committees of various centres. During the summer months 29 mothers without their babies and 32 mothers with their children were sent away for a fortnight either to seaside, country or to relatives.

(6) ACTIVITIES OF VOLUNTARY COMMITTEES.

Christmas parties, teas and social gatherings have been, and are being, provided at many of the centres by the voluntary committees.

The undermentioned equipment, etc., has been provided by the following voluntary committees:—

Easington.—Weighing machine for 1-5 children, 4 glass fronted frames for posters.
Horden.—2 folding screens and dressing gowns.
Rowlands Gill.—Special weighing table.

(7) CASES OF SQUINT.

76 children have been treated by the school oculist during the past quarter.

(8) ARTIFICIAL SUNLIGHT CLINICS.

Centre.	No. on books.	Attendances.	Average attendance per session.
Bishop Auckland	194	658	27
Dunston	361	823	34
Horden	201	860	36
Houghton-le-Spring	270	994	42

(9) ATTENDANCES OF COUNTY MOTHERS AT BOROUGH WELFARE CENTRES.

Darlington	11	mothers	made	47	attendances.
Gateshead	1	,,	,,	6	,,
South Shields	Nil	,,	,,	Nil	,,
Stockton	6	,,	,,	40	,,
Sunderland	1	,,	,,	9	,,
West Hartlepool	18	,,	,,	108	,,
Yarm and Eaglescliffe	23	,,	,,	119	,,

(10) BABIES' HOSPITAL AND MOTHERCRAFT CENTRE, NEWCASTLE-ON-TYNE.

The following children have been admitted to this Hospital :—

Name.	Address.	Admitted.	Discharged	Amount paid by parents.	Amount paid by County Council.
Margaret Knox	Dunston	31.10.33	13.11.33	1/6 weekly	19/6 weekly
John Patterson	Tedhills...	28.11.33	23.12.33	Nil.	£6 15s. 0d.
Jean Hurst	Winlaton	13.12.33	Still in	Nil.	£1 1s. 0d. weekly

NOTIFICATION OF BIRTHS.

50. The number of births notified in the administrative county during the past quarter under the Notification of Births Acts, as adjusted by transferred notifications, was 3,860 and exceeded the births registered by 237. In the County Council Notification of Births Act area (i.e. the administrative county less the urban districts of Hartlepool, Jarrow and Stockton) the number of births notified was 3,338 and exceeded by 165 the births registered in that area.

The number of un-notified births reported and enquired into by the county health visitors was 100, viz. :—

42 Doctors failed to notify	73	births.
17 Midwives failed to notify	23	,,
2 Public Assistance Institutions failed to notify	2	,,
1 Hospital failed to notify	1	birth.
1 Birth unattended	1	,,

ADMISSION OF COUNTY PATIENTS TO MATERNITY HOMES.

51. The following statement shows the number of patients whose applications for admission to maternity homes were approved during the quarter, and a comparison is made with the figures for the three previous quarters and for the corresponding quarter of last year :—

Maternity Home.	Quarter Ended				
	Dec., 1932.	Mar., 1933.	June, 1933.	Sept., 1933.	Dec., 1933.
County Maternity Home, Bishop Auckland	76	83	75	82	69
Richard Murray Hospital, Blackhill.....	88	98	68	89	77
Maternity Home, Sunderland	18	17	14	20	26
Maternity Home, West Hartlepool	7	5	4	3	4
Princess Mary Maternity Hospital, Newcastle-on-Tyne	5	7	10	7	13
Robson Maternity Home, Stockton-on-Tees	—	1	—	1	—

Every care has been taken to see that the patients contributed towards the cost of maintenance in the institutions according to their means.

VITAL STATISTICS.

52. Tabulated statement of quarterly birth-rates, total death-rates, and death-rates from certain specified causes in the administrative county :—

	Quarter ended				
	December, 1932.	March, 1933.	June, 1933.	September, 1933.	December, 1933.
RATES PER 1,000 POPULATION.					
Birth-rate	17.1	17.9	18.9	17.8	15.6
Total Death-rate	11.7	14.5	10.4	9.7	10.7
Death-rate from :—					
Zymotic Diseases	0.29	0.30	0.26	0.54	0.71
Smallpox	—	—	—	—	—
Scarlet Fever	0.02	0.02	0.04	0.03	0.14
Diphtheria and Croup	0.02	0.04	0.03	0.03	0.11
" Fevers " (Typhoid, &c.)	0.004	—	0.004	0.004	0.01
Measles	0.02	0.05	0.03	0.03	0.15
Whooping Cough	0.07	0.07	0.03	0.03	0.06
Diarrhœa (under 2 years of age)	0.16	0.12	0.14	0.41	0.23
Phthisis	0.60	0.78	0.68	0.71	0.63
Bronchitis, Pneumonia and Pleurisy	1.25	1.92	0.78	0.53	0.90
Influenza	0.40	1.35	0.09	0.04	0.13
Infant mortality rate per 1,000 births	94	101	62	71	83

53. The following table gives the chief vital statistics of the urban and rural districts in the County during the three months ended 31st December, 1933 :—

	Estimated Population Mid-Year, 1933.	Per 1,000 Population. Birth-rate	Death-rate from all causes	Zymotic death-rate	Infant Mortality-rate per 1000 births.	Diseases prevalent during quarter.
Administrative County.....	929,350	15.6	10.7	0.71	83	
Co. Boro' of Darlington	72,820	13.4	9.4	0.38	57	Scarlet Fever.
Co. Boro' of Gateshead.....	125,070	16.3	11.2	0.38	49	do.
Co. Boro' of South Shields ...	114,000	15.2	12.1	0.50	83	do.
Co. Boro' of Sunderland	188,200	17.5	11.8	0.83	101	do.
Co. Boro' of West Hartlepool	70,150	16.2	11.2	0.57	81	
URBAN DISTRICTS.						
Durham Borough	16,754	15.0	10.0	—	32	Scarlet Fever.
Hartlepool ,, ...	20,335	15.9	11.4	1.18	49	
Jarrow ,, ...	32,080	13.3	13.7	2.00	140	do.
Stockton ,, ...	67,937	15.4	11.1	0.65	107	do.
Annfield Plain	16,114	16.6	11.9	1.24	119	do., Diphtheria
Barnard Castle	4,115	9.7	4.9	—	—	
Benfieldside.....	9,242	22.7	11.1	2.21	—	do., do.
Billingham	18,695	18.8	7.5	0.21	57	do.
Bishop Auckland	12,185	14.8	9.5	0.33	111	
Blaydon	32,735	15.5	10.6	0.49	94	do.
Brandon and Byshottles	17,140	14.4	10.7	0.23	48	
Chester-le-Street	16,616	10.1	12.5	0.24	262	do., do.
Consett	12,490	17.6	13.1	0.64	109	do.
Crook	11,590	14.8	9.7	—	—	
Felling.....	27,255	15.5	13.2	1.61	94	do.
Hebburn.....	24,290	18.8	12.5	1.48	79	do.
Hetton-le-Hole	18,090	16.8	10.4	0.22	92	do.
Houghton-le-Spring	10,793	17.4	11.9	1.11	128	do.
Leadgate.....	6,403	16.9	10.0	1.87	37	do., do.
Ryton.....	14,286	16.8	11.2	—	100	do.
Seaham Harbour	20,310	20.5	10.2	0.60	58	
Shildon	12,683	16.4	11.4	0.32	77	
Spennymoor	16,284	15.7	12.5	—	78	
Stanhope	1,672	9.5	9.5	—	250	
Stanley	24,515	15.2	13.5	2.12	97	do., do.
Tanfield	9,390	14.0	11.5	1.70	30	do., do.
Tow Law.....	3,527	14.8	6.8	—	—	
Washington	17,580	17.0	11.8	0.68	106	do.
Whickham	20,380	15.3	10.6	0.59	51	do.
Willington	8,956	15.6	10.3	0.44	86	
RURAL DISTRICTS.						
Auckland	52,896	13.7	11.1	0.23	83	do.
Barnard Castle	10,395	15.8	13.1	—	146	
Chester-le-Street	51,490	15.9	10.1	0.54	78	do.
Darlington	8,920	9.9	7.6	—	—	
Durham	31,606	17.6	11.1	0.77	87	do.
Easington	90,375	17.9	9.1	0.48	89	do., do.
Hartlepool	2,667	8.9	6.0	—	—	
Houghton	27,582	14.1	10.0	0.87	41	do.
Lanchester.....	33,420	13.3	8.0	0.96	63	do., do.
Sedgefield	37,070	12.5	9.7	0.32	121	do.
South Shields.....	20,854	15.4	9.8	0.20	25	
Stockton	6,810	13.5	8.2	—	43	
Sunderland.....	22,377	17.2	11.6	2.15	52	do.
Weardale	8,450	13.3	13.3	—	107	

County Health Department,
Shire Hall, Durham,
4th January, 1934.

C. FRANKS.

APPENDIX 1.

PREVENTION OF TUBERCULOSIS.

QUARTER ENDED 31st DECEMBER, 1933.

Statement of notifications of tuberculosis, in the different urban and rural districts in the county, and of treatment granted to new cases under the County Tuberculosis Scheme.

DISTRICT.	Notifications. Form A (Primary)		New Cases Treated.							
				Treatment Granted.						
	Pulmonary	Non-Pulmonary.	Number of New Cases.	San-atorium.	Hospital.	Dom-iciliary.	Dis-pensary.	Home (Non-insured Cases).	Ultra Violet Ray.	Surgical Appliances.
1	2	3	4	5	6	7	8	9	10	11
URBAN.										
Darlington Borough ...	27	7	21	12	—	2	7	—	—	—
Durham ,, ...	4	1	4	4	—	—	—	—	—	—
Hartlepool ,, ...	2	1	1	1	—	—	—	—	—	—
Jarrow ,, ...	10	5	9	5	1	1	1	1	—	—
Stockton ,, ...	9	8	10	6	—	1	2	1	—	—
Annfield Plain.....	3	3	7	4	1	1	—	1	—	—
Barnard Castle.....	1	1	1	—	—	—	—	1	—	—
Benfieldside	—	1	1	—	—	—	—	1	—	—
Billingham	2	1	5	1	—	1	3	—	—	—
Bishop Auckland.....	3	—	3	3	—	—	—	—	—	—
Blaydon	4	4	7	4	—	2	—	1	—	—
Brandon and Byshottles	1	2	4	2	—	—	1	1	—	—
Chester-le-Street	1	4	3	2	—	—	—	1	—	—
Consett	1	—	1	1	—	—	—	—	—	—
Crook	1	1	1	1	—	—	—	—	—	—
Felling	8	6	8	7	1	—	—	—	—	—
Hebburn	10	8	9	6	—	2	—	1	—	—
Hetton-le-Hole	1	1	2	2	—	—	—	—	—	—
Houghton-le-Spring ...	1	1	2	1	—	—	1	—	—	—
Leadgate	—	—	—	—	—	—	—	—	—	—
Ryton	—	1	—	—	—	—	—	—	—	—
Seaham Harbour.....	5	2	2	2	—	—	—	—	—	—
Shildon	1	—	1	—	—	—	1	—	—	—
Spennymoor.....	5	1	4	3	—	—	1	—	—	—
Stanhope	—	—	—	—	—	—	—	—	—	—
Stanley	5	6	4	2	—	—	1	1	—	—
Tanfield	1	1	3	2	—	1	—	—	—	—
Tow Law	—	—	2	1	—	—	—	1	—	—
Washington	4	2	5	2	—	1	—	2	—	—
Whickham	6	2	7	4	2	1	—	—	—	—
Willington	—	—	—	—	—	—	—	—	—	—
Totals...	116	70	127	78	5	13	18	13	—	—
RURAL.										
Auckland	4	6	4	4	—	—	—	—	—	—
Barnard Castle.....	1	1	1	1	—	—	—	—	—	—
Chester-le-Street	17	10	28	18	1	1	4	2	2	—
Darlington	—	3	4	—	—	—	3	1	—	—
Durham	4	7	9	3	—	—	5	—	1	—
Easington	11	15	15	8	—	—	5	1	1	—
Hartlepool	—	—	—	—	—	—	—	—	—	—
Houghton-le-Spring ...	5	2	7	5	—	—	2	—	—	—
Lanchester	7	6	5	3	—	—	—	2	—	—
Sedgefield	14	7	12	11	1	—	—	—	—	—
South Shields	6	3	8	5	—	1	2	—	—	—
Stockton	—	—	—	—	—	—	—	—	—	—
Sunderland	5	4	8	6	—	—	—	—	2	—
Weardale	1	1	—	—	—	—	—	—	—	—
Totals...	75	65	101	64	2	2	21	6	6	—
Administrative Co. & Darlington County Borough.	191	135	228	142	7	15	39	19	6	—

APPENDIX II.

COUNTY HEALTH VISITORS.

STATEMENT OF WORK ACCOMPLISHED DURING THE QUARTER ENDED 31st DECEMBER, 1933.

Total number of health visitors on duty at the beginning of October		85
Do. do. do. end of December...		90
Ante-natal—1st visits	792	
Revisits	464	
Births—1st visits	3181	
Revisits under 1 year	9031	
,, 1 to 2 years	7355	
,, 2 ,, 3 ,, ...	6582	
,, 3 ,, 4 ,, ...	6258	
,, 4 ,, 5 ,, ...	6923	
,, 5 ,, 6 ,, ...	87	
Uncertified midwives	4	
	——	40677
Plus 1328 attendances at child welfare centres × 19 visits		25232
Maternity and Child Welfare Total		65909

TUBERCULOSIS.

Tuberculosis—1st visits	353	
Re-visits	5052	
	——	5405
Plus 378 attendances at dispensaries × 19 visits		7182
Tuberculosis Total		12587

SCHOOL WORK.

School children (Home Visits)	5085	
Schools	1029	
	——	6114
Plus Head to Head inspections days 22 × 19 visits		418
Plus 58 attendances at school clinics × 19 visits		1102
Plus 9 days spent conducting children to special schools		171
School Work Total		7805

Average daily number of visits per health visitor	19·5
Unclassified visits	3450
Ineffective visits	3539
Total number of visits (not including attendances at dispensaries, child welfare centres or ineffective visits)	55646
Reported to district medical officers of health :—	
Overcrowding	196
Sanitary defects	314
	510

PART-TIME OFFICERS.	Total No. of Visits.	Attendances at Dispensaries.	Attendances at Child-Welfare Centres.	Ineffective Visits.
Hartlepool Borough Health Visitors	71	12	—	—
Barnard Castle Urban District Nurse	291	—	7	5
Total	362	12	7	5

APPENDIX III.

STATEMENT AS TO THE POSITION OF HOUSING SCHEMES IN THE ADMINISTRATIVE COUNTY OF DURHAM.

(Information in Cols. 7-10 inclusive supplied by the respective District Councils).

Sanitary District.	Private families and dwellings, Census, 1931.					No. of houses in course of construction.		No. of houses completed since 1919.	
	Private families.	Population in Private families.	Structurally separate dwellings occupied	Rooms occupied	Persons per room.	By Private Persons	By the Local Authority.	By Private Persons	By the Local Authority.
1	2	3	4	5	6	7	8	9	10
URBAN.									
Durham	3956	14669	3148	14849	0.99	—	50	58	270
Hartlepool	4780	19694	4114	16824	1.17	4	—	22	360
Jarrow	7718	31486	7400	23806	1.32	2	112	98	750
Stockton	16164	65703	14916	69079	0.95	140	—	1507	1851
Annfield Plain	3887	15854	3609	12576	1.26	5	16	253	400
Barnard Castle	1062	3686	1042	5050	0.73	12	—	100	25
Benfieldside	2060	8277	1985	7789	1.06	10	—	159	206
*Billingham	4198	17782	4018	18392	0.97	19	—	2217	918
Bishop Auckland	3091	11670	2979	12693	0.92	41	—	97	—
Blaydon	7618	31837	7131	25146	1.27	—	88	367	994
Brandon and Byshottles	4031	17021	3887	14080	1.21	3	—	34	337
Chester-le-Street	3971	15960	3788	14205	1.12	86	50	420	734
Consett	2875	12132	2691	10420	1.16	22	120	131	591
Crook	2936	11570	2866	10528	1.10	9	—	65	228
Felling	6591	26885	6297	20584	1.31	27	81	215	885
Hebburn	5551	23581	5133	16433	1.43	10	14	155	753
*Hetton-le-Hole	4090	17590	3861	14273	1.23	2	100	155	534
*Houghton-le-Spring	2544	10330	2423	8946	1.15	12	—	125	494
Leadgate	1441	6367	1365	4732	1.35	—	22	540	144
Ryton	3355	14068	3193	11812	1.19	15	21	344	389
Seaham Harbour	4645	19115	3607	14993	1.27	4	8	554	1155
Shildon	3327	12665	3292	12731	0.99	1	—	67	126
*Spennymoor	3881	15938	3703	14185	1.12	2	—	20	—
Stanhope	442	1644	437	1814	0.91	—	—	—	—
Stanley	5956	24149	5434	19834	1.22	3	76	216	694
Tanfield	2272	9145	2176	7604	1.20	1	50	87	248
Tow Law	912	3535	898	2962	1.19	2	—	5	—
Washington	3844	16820	3709	13125	1.28	7	92	180	731
*Whickham	5009	20289	4688	17550	1.16	94	127	507	709
Willington	2221	8946	2187	8102	1.10	2	24	34	288
RURAL.									
Auckland	13086	52795	12905	46534	1.13	18	—	269	177
Barnard Castle	2598	10045	2593	11335	0.89	2	—	71	20
Chester-le-Street	12462	52697	12026	43528	1.21	27	232	783	1283
Darlington	2163	8543	2110	10284	0.83	37	14	282	48
Durham	7524	30818	7203	26969	1.14	105	16	591	822
Easington	20068	87190	18276	67366	1.29	231	366	3253	2049
Hartlepool	760	3269	743	3601	0.91	—	—	76	—
Houghton-le-Spring	6539	27165	6316	22536	1.21	9	8	466	800
Lanchester	7676	32809	7451	26894	1.22	9	57	924	781
Sedgefield	7991	34235	7769	30188	1.13	24	100	513	780
South Shields	5073	20133	4817	19737	1.02	385	22	854	703
*Stockton	1615	6466	1601	8266	0.78	13	—	187	—
Sunderland	4819	21231	4352	16137	1.32	6	—	123	600
Weardale	2266	8348	2264	8822	0.95	2	—	38	20
Totals	219068	904152	206403	787314	1.15	1403	1866	17162	22897

* No reply received this Quarter.

APPENDIX IV.

BACTERIOLOGICAL EXAMINATIONS.

Table giving particulars of specimens sent for examination during the quarter ended 31st December, 1933, in accordance with the arrangements made between the County Council and the Durham College of Medicine :—

District.	Enteric Fever.												Tuberculosis.		Tuberculosis.*		Miscellaneous.†			Totals.		
	Typhoid.			Paratyphoid. A.			Paratyphoid. B.			Diphtheria.												
	Positive.	Negative.	Inconclusive.	Positive.	Negative.	Inconclusive.	Positive.	Negative.	Inconclusive.	Positive.	Negative.	Inconclusive.	Positive.	Negative.	Positive.	Negative.	Positive.	Negative.	Inconclusive.	Positive.	Negative.	Inconclusive.
URBAN.																						
Darlington Co. Boro'	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	39	...	...	...	7	39	...
Durham Borough ...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	2	6	...	...	...	2	8	...
Hartlepool ,, ...	...	...	...	...	...	...	...	...	...	3	6	...	...	...	...	7	1	...	...	4	13	...
Jarrow ,, ...	...	...	...	...	...	...	...	...	...	1	6	1	...	5	2	14	...	...	...	3	25	1
Stockton ,, ...	...	...	...	...	...	...	...	...	...	...	3	...	4	28	3	26	...	...	...	7	57	...
Annfield Plain	...	...	...	...	...	...	...	...	...	4	17	1	1	6	...	4	...	...	...	5	27	1
Barnard Castle.....	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	...	...	...	...	3	...
Benfieldside	...	...	...	...	...	...	...	...	...	4	6	2	...	...	...	1	...	...	...	4	7	2
Billingham	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1	14	...	...	...	1	16	...
Bishop Auckland.....	...	...	...	...	...	...	...	...	...	...	4	...	...	4	...	3	...	...	...	...	11	...
Blaydon	...	1	...	...	1	...	...	1	...	1	2	1	1	6	3	11	...	...	...	5	22	1
Brandon & Byshottles	...	1	...	...	1	...	...	1	...	4	4	...	1	1	1	7	...	...	...	6	15	...
Chester-le-Street	...	...	...	...	...	...	...	...	...	30	25	1	2	3	1	4	...	...	...	33	32	1
Consett.....	...	...	...	...	...	...	...	...	...	1	6	...	2	5	2	1	...	...	...	5	12	...
Crook	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	5	...	...	...	1	6	...
Felling	...	...	...	...	...	...	...	...	...	...	3	...	1	8	2	8	...	...	...	3	19	...
Hebburn	...	...	...	...	...	...	...	...	...	2	5	1	...	6	1	16	...	...	...	3	27	1
Hetton-le-Hole	...	2	...	...	2	...	...	2	...	1	4	...	1	4	...	8	...	...	...	2	22	...
Houghton-le-Spring	...	...	...	...	...	...	...	...	...	6	57	1	...	...	2	2	...	...	...	8	59	1
Leadgate	...	...	...	...	...	...	...	...	...	2	1	1	...	1	...	...	...	...	...	2	2	1
Ryton	...	...	...	...	...	...	...	...	...	...	1	...	...	3	...	2	...	...	...	...	6	...
Seaham Harbour.....	...	1	...	...	1	...	...	1	...	...	...	...	...	2	2	2	...	...	...	2	7	...
Shildon	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	2	...	...	...	1	3	...
Spennymoor	...	...	...	...	...	...	...	...	...	...	4	...	...	4	...	10	...	...	...	...	18	...
Stanhope	...	...	...	...	...	...	...	...	...	...	2	...	1	1	...	...	...	...	...	1	3	...
Stanley	...	1	...	...	1	...	...	1	...	2	9	...	1	2	2	7	...	...	...	5	21	...
Tanfield	...	...	...	...	...	...	...	...	...	10	30	1	...	1	...	7	...	...	...	10	38	1
Tow Law	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	2	...
Washington	1	1	...	...	2	...	...	2	...	2	8	...	...	13	1	3	...	...	...	4	29	...
Whickham	...	...	...	...	...	...	...	...	...	...	4	1	1	2	1	7	...	1	...	2	14	1
Willington	...	...	...	...	...	...	...	...	...	1	2	...	...	5	...	1	...	...	...	1	8	...
RURAL.																						
Auckland	...	...	...	...	...	...	...	...	...	3	20	1	1	5	16	25	...	...	...	20	50	1
Barnard Castle.....	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...
Chester-le-Street	...	4	...	...	4	...	1	3	...	4	13	...	1	3	4	33	...	...	...	10	60	...
Darlington	...	...	...	...	...	...	...	...	...	...	3	...	...	...	1	3	...	...	...	1	6	...
Durham	...	...	...	...	...	...	...	...	...	...	3	...	1	...	1	18	...	...	...	2	21	...
Easington	...	...	...	...	...	...	...	...	...	6	13	1	1	14	4	37	...	...	...	11	64	1
Hartlepool	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Houghton-le-Spring	...	2	...	...	2	...	...	2	...	2	3	1	1	2	3	11	...	...	...	6	22	1
Lanchester	1	...	...	...	...	1	...	1	...	17	31	2	1	8	...	9	...	...	...	19	49	3
Sedgefield	...	3	...	...	3	...	...	3	...	1	2	...	1	8	3	9	...	...	...	5	28	...
South Shields	...	...	...	...	...	...	...	...	...	...	2	...	...	2	4	8	...	...	...	4	12	...
Stockton	...	1	...	...	1	...	...	1	...	1	1	...	...	...	...	3	...	1	...	1	8	...
Sunderland	...	...	...	...	...	...	...	...	...	1	2	...	1	9	38	15	...	...	...	40	26	...
Weardale	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	2	...
Administrative Co. and Darlington Co. Borough	2	17	...	...	18	1	1	18	...	109	307	16	26	169	107	389	1	2	...	246	920	17

* These are tuberculous specimens taken at County Dispensaries, Hospitals and Sanatoria.

† This section is comprised of examinations receiving the special approval of the County Medical Officer for Haemolytic Streptococci, Cerebro Spinal fluid, Faeces.

APPENDIX V.

Table giving the number of cases of infectious diseases notified in each sanitary district during the quarter ended 31st December, 1933.

	Smallpox	Scarlet Fever	Diphtheria	Enteric Fever	Puerperal Fever	Puerperal Pyrexia	Ophthalmia Neonatorum	Erysipelas	Pneumonia	Malaria	Dysentery	Acute Polio-Encephalitis	Cerebro Spinal Fever	Encephalitis Lethargica	Acute Polio-Myelitis	*Chickenpox
URBAN DISTRICTS.																
Durham Borough	—	49	—	—	—	—	—	1	1	—	—	—	1	—	—	—
Hartlepool Borough	—	9	2	—	—	—	—	2	—	—	—	—	—	—	—	—
Jarrow Borough	—	46	2	—	—	2	1	15	59	—	—	—	—	1	—	—
Stockton Borough	—	268	11	—	—	3	1	16	26	—	—	—	—	—	—	—
Annfield Plain	—	72	51	—	1	—	—	—	3	—	—	—	1	—	—	—
Barnard Castle	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Benfieldside	—	41	31	—	—	—	—	3	2	—	—	—	—	—	—	—
Billingham	—	42	6	—	—	—	—	—	10	—	—	—	—	—	—	—
Bishop Auckland	—	4	—	—	—	1	—	3	—	—	—	—	—	—	—	—
Blaydon	—	37	9	—	—	—	2	9	12	—	—	—	—	—	—	—
Brandon & Byshottles	—	23	4	1	1	—	—	3	—	—	—	—	—	—	—	—
Chester-le-Street	—	112	31	—	—	—	—	4	7	—	—	—	—	—	—	—
Consett	—	98	18	—	—	—	—	2	1	—	—	—	1	—	—	—
Crook	—	1	1	—	—	—	1	2	2	—	—	—	—	—	—	—
Felling	—	122	1	—	—	—	—	10	8	—	—	—	—	—	—	—
Hebburn	—	57	3	—	—	—	1	7	22	—	—	—	—	—	—	—
Hetton-le-Hole	—	60	2	—	—	1	—	—	15	—	—	—	—	—	—	—
Houghton-le-Spring	—	25	41	—	—	—	3	2	16	—	—	—	—	—	—	—
Leadgate	—	35	25	—	—	—	—	—	—	—	—	—	—	—	—	—
Ryton	—	93	—	—	—	1	1	3	1	—	—	—	—	—	—	—
Seaham Harbour	—	24	—	—	—	—	—	1	1	—	—	—	—	—	—	—
Shildon	—	10	3	—	—	2	—	3	—	—	—	—	—	—	—	—
Spennymoor	—	10	1	—	—	—	1	4	3	—	—	—	—	—	—	—
Stanhope	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stanley	—	153	68	—	—	—	3	2	4	—	—	—	1	—	—	—
Tanfield	—	64	30	—	—	—	1	3	5	—	—	—	—	—	—	—
Tow Law	—	3	—	—	—	—	—	—	1	—	—	—	—	—	—	—
Washington	—	62	17	1	—	1	—	1	4	—	—	—	—	—	—	—
Whickham	—	42	1	—	—	2	1	2	9	—	—	—	—	—	—	56
Willington	—	4	1	—	—	—	—	1	8	—	—	—	—	—	—	—
RURAL DISTRICTS.																
Auckland	—	38	12	1	—	1	4	4	2	—	—	—	1	—	—	—
Barnard Castle	—	8	—	—	—	—	—	1	1	—	—	—	—	—	—	—
Chester-le-Street	—	220	17	3	—	5	—	13	10	—	—	—	1	—	—	—
Darlington	—	8	1	—	—	—	—	3	1	—	—	—	—	—	—	1
Durham	—	48	3	1	—	1	—	3	1	—	—	—	—	—	—	—
Easington	—	105	47	1	—	4	1	24	36	—	—	—	1	—	—	—
Hartlepool	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Houghton	—	63	11	—	—	2	—	2	9	—	—	—	—	—	—	—
Lanchester	—	222	70	1	—	—	—	3	7	—	—	—	—	—	—	—
Sedgefield	—	40	1	—	—	2	—	10	7	—	—	—	1	—	—	—
South Shields	—	27	—	—	—	1	—	10	6	—	—	—	—	—	—	—
Stockton	—	7	1	—	—	—	—	1	3	—	—	—	—	—	—	—
Sunderland	—	108	1	2	—	4	1	6	15	1	—	—	—	—	—	—
Weardale	—	2	—	—	—	—	—	2	3	—	—	—	—	—	1	—
Administrative County	—	2467	524	11	2	33	22	181	321	1	—	—	8	1	1	58

*Not notifiable throughout the whole administrative county.

APPENDIX VI.

TABLE OF ATTENDANCES OF MOTHERS AND INFANTS AT CHILD WELFARE CENTRES.

CENTRES	No. on Books.				Attendances.								Consultations.							
					Number.				Average per Session.				Number.				Average per Session			
		Children.				Children.				Children.				Children.				Children.		
	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.	Expectant Mothers.	Under 1 year.	Between 1—3 years.	Between 3—5 years.
Annfield Plain ...	133	185	256	126	94	423	304	84	8	15	10	3	94	418	301	83	8	15	10	3
Barnard Castle ...	2	19	82	—	—	71	260	—	—	10	36	—	—	42	118	—	—	6	17	—
Billingham	105	148	212	188	79	588	472	311	13	33	26	18	79	272	188	112	13	15	11	6
Birtley	104	172	225	163	106	387	236	112	9	17	10	5	106	375	232	112	9	16	10	5
Bishop Auckland ...	111	129	222	197	87	422	375	185	7	12	11	5	87	405	353	177	7	12	11	4
Blaydon	81	125	142	94	63	343	249	95	10	19	14	5	63	336	238	91	10	19	14	5
Boldon	60	111	134	40	40	349	162	18	7	19	9	1	40	332	156	18	7	18	9	1
Brandon	51	92	161	79	29	239	218	83	5	20	18	7	29	239	218	83	5	20	18	7
Burnhope	7	29	36	11	5	129	91	7	1	22	15	1	5	128	91	7	1	22	15	1
Burnopfield	27	48	90	43	8	146	109	39	1	13	10	4	8	146	107	36	1	13	10	3
Butterknowle... ...	11	22	48	15	6	45	48	7	1	8	8	1	6	45	47	7	1	8	8	1
Castletown	13	30	43	26	7	65	72	26	1	11	12	4	7	56	54	26	1	9	9	4
Chester-le-Street ...	78	158	235	102	83	406	350	75	14	18	15	3	83	399	347	75	14	17	15	3
Chilton	21	43	82	50	9	120	153	42	1	10	13	3	9	120	153	42	1	10	13	3
Chopwell	60	78	111	86	49	204	152	84	8	9	7	4	49	202	152	84	8	9	7	4
Cockfield	9	39	54	25	7	113	75	16	1	10	6	1	7	112	75	16	1	10	6	1
Consett	76	162	231	172	43	301	189	93	7	10	6	3	43	301	189	93	7	10	6	3
Coundon	52	103	154	86	45	303	271	87	8	17	15	5	45	303	270	87	8	17	15	5
Coxhoe	28	82	123	34	20	247	149	34	3	20	13	3	20	242	139	32	3	20	11	3
Craghead	31	59	81	54	28	135	125	41	5	12	11	4	28	135	124	41	5	12	11	4
Crook	109	114	186	98	75	286	287	95	13	17	17	5	75	282	286	95	13	17	17	5
Dunston	74	109	141	79	54	318	161	60	9	18	9	3	54	318	161	60	9	18	9	3
Durham	127	136	244	135	127	407	259	106	11	13	8	3	127	401	256	104	11	13	8	3
Easington	47	133	195	101	35	275	160	57	7	15	9	3	35	262	146	52	7	15	8	3
Eighton Banks ...	—	31	43	26	—	94	63	31	—	16	10	5	—	85	62	30	—	14	10	5
Esh Winning	39	83	114	76	46	180	134	85	7	14	10	7	46	172	131	85	7	13	10	7
Felling...	162	249	391	221	141	508	523	182	13	42	21	8	141	489	520	182	13	41	21	8
Ferryhill	101	139	197	108	57	356	285	92	10	20	16	5	57	347	279	87	10	19	16	5
Gainford	9	11	29	14	9	24	36	5	2	4	6	1	9	24	36	5	2	4	6	1
Grange Villa	70	137	181	83	56	412	267	39	9	23	15	2	56	410	267	38	9	23	15	2
Haverton Hill ...	41	88	157	128	27	283	392	175	5	15	22	10	27	215	260	113	5	12	14	7
Hetton	47	183	240	101	34	402	228	72	6	22	13	4	34	382	222	71	6	21	13	4
Horden	117	200	278	197	78	347	223	133	7	15	10	6	78	326	212	129	7	14	9	6
Houghton-le-Spring ...	133	225	322	200	88	589	314	132	7	16	9	4	88	575	311	129	7	15	9	4
Lanchester	14	28	37	26	2	64	47	24	—	11	8	4	2	64	47	24	—	11	8	4
Langley Park... ...	15	48	58	35	11	143	123	61	2	12	10	5	11	141	122	59	2	12	10	5
Marley Hill	6	24	32	20	3	66	35	20	—	11	6	3	3	66	35	20	—	11	6	3
Middleton-in-Teesdale	14	19	24	14	1	46	36	10	—	8	6	1	1	46	36	10	—	8	6	1
Middleton-St.-George	15	27	38	38	2	77	71	74	—	10	9	9	2	51	43	44	—	9	7	7
Murton	87	115	190	117	80	313	182	50	13	17	10	3	77	268	148	42	13	15	8	2
New Herrington ...	55	101	147	81	56	258	167	38	9	22	14	3	56	258	166	38	9	22	14	3
Rowlands Gill ...	86	100	135	91	85	283	259	98	14	16	15	5	85	283	259	98	14	16	15	5
Ryhope	36	92	173	90	14	252	238	59	2	15	14	3	14	199	194	44	2	12	12	2
Ryton	52	93	165	63	53	302	195	52	9	17	11	3	53	300	194	52	9	17	11	3
Sacriston	32	106	144	115	20	239	163	77	4	14	9	5	20	217	160	77	4	13	9	5
Seaham Harbour ...	171	302	405	209	106	685	479	206	11	20	14	6	105	669	479	204	11	20	14	6
Sedgefield	16	21	51	22	9	42	47	19	2	7	8	3	9	41	47	18	2	7	8	3
Sherburn	30	37	68	15	24	124	67	14	4	21	11	2	24	116	67	14	4	20	11	2
Sherburn Hill... ...	12	17	37	29	7	41	47	29	1	8	9	6	7	41	47	28	1	8	9	6
Shildon	93	132	272	162	97	408	617	212	16	14	20	7	97	316	497	158	16	11	18	6
Shotley Bridge ...	27	91	112	71	8	204	153	55	3	11	9	3	8	204	153	55	3	11	9	3
Shotton	49	121	195	126	39	235	153	82	7	13	8	5	39	216	148	82	7	12	8	5
Silksworth	35	66	157	107	27	172	262	148	4	11	16	9	26	154	229	111	4	10	14	7
South Hylton... ...	7	26	58	33	4	76	73	25	1	13	12	4	4	65	67	24	1	11	11	4
South Moor	—	74	116	56	—	199	168	46	—	11	9	3	—	198	164	45	—	11	9	3
Spennymoor	141	211	352	130	96	519	411	111	8	15	12	3	96	508	401	106	8	14	12	3
Stanhope	6	18	36	14	1	39	32	18	—	13	11	6	1	39	32	17	—	13	11	5
St. John's Chapel ...	2	10	25	12	—	25	20	12	—	4	3	2	—	25	20	12	—	4	3	2
Swalwell	13	42	55	32	6	133	97	35	1	11	8	3	6	133	97	35	1	11	8	3
Tanfield Lea	38	43	94	71	18	122	144	45	3	10	12	4	18	122	144	45	3	10	12	4
Tow Law	10	42	61	61	4	139	129	53	1	12	11	4	3	114	111	45	1	12	11	4
Trimdon	44	90	93	34	45	179	112	17	7	15	10	1	45	166	106	16	7	14	9	1
Washington	123	155	268	202	88	340	250	128	15	19	14	7	88	330	245	126	15	18	14	7
West Auckland ...	42	85	119	91	32	226	205	96	5	13	11	5	32	225	205	96	5	13	11	5
West Stanley... ...	152	145	218	117	106	348	276	83	9	16	12	4	106	341	275	83	9	16	12	4
Wheatley Hill ...	42	88	128	53	39	163	106	23	7	10	6	1	39	147	86	21	7	10	6	1
Whickham	29	39	34	13	31	111	56	—	5	19	9	—	31	110	54	—	5	19	8	—
Whitburn	6	24	46	16	5	74	29	7	1	12	5	1	5	63	26	6	1	11	4	1
Willington	39	78	123	51	39	204	144	53	7	18	13	5	35	185	123	44	6	17	11	4
Wingate	47	101	120	54	45	283	152	38	7	16	8	2	45	283	151	38	7	16	8	2
Winlaton	101	117	144	89	100	280	272	92	17	16	15	5	100	280	272	92	17	16	15	5
Witton Park	35	61	86	44	17	175	94	35	4	20	10	4	17	170	93	34	4	19	10	4
Wolsingham	1	14	20	14	—	28	31	15	—	9	10	5	—	28	31	15	—	9	10	5
Wooley Terrace ...	23	26	45	17	17	84	86	28	3	8	8	2	17	76	79	24	3	7	7	2
Totals	3882	6701	10121	5793	2972	17218	13620	4991	418	1093	856	302	2962	16154	12554	4504	417	1033	790	276

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